

CLAIMS

1. A system for detecting the presence of a remote device, the system comprising:
a primary device having a wireless accessory for detecting the presence of at least one
5 remote device, wherein the primary device determines the presence of the at least one remote
device by determining a distance between the primary and remote devices, wherein when the
primary device determines the distance to be within a predetermined distance, the remote device
continues to receive signals.
- 10 2. The system of claim 1, wherein when the primary device determines the distance to be
outside of the predetermined distance, the remote device discontinues receiving signals.
3. The system of claim 1, wherein the primary device receives a proximity detection request
from a headend facility, and, in response, the primary device transmits a signal indicating the
15 presence or absence of the at least one remote device.
4. The system of claim 3, wherein when the headend facility receives the signal indicating
the absence of the at least one remote device, the headend facility discontinues service to the at
least one remote device.
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5. The system of claim 4, wherein the headend facility discontinues service by at least one
of no longer transmitting signals directly from the headend and sending a discontinue signal to the
primary device directing the primary device to no longer communicate with the at least one
remote device.
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6. The system of claim 1, wherein the primary device includes a set-up procedure that
includes detecting and storing the distance between the primary device and the at least one remote
device, wherein the detected distance becomes the predetermined distance.
- 30 7. The system of claim 1, wherein the primary device determines the distance by using a
receive signal strength indication measurement.
8. The system of claim 1, wherein the primary device determines the distance by using
ultrawideband (UWB) communications with the remote device.
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9. A system for transmitting a plurality of audio/video signals from a headend facility to a plurality of receiving devices, the system comprising:

a primary device for receiving the plurality of audio/video signals, the primary device comprising:

5 a plurality of tuners, each tuner for providing an audio/video signal; and
a wireless accessory; and

at least one remote device in communication with the primary device, the at least one remote device for selecting and receiving a selected audio/video signal from at least one of the plurality of tuners and the headend facility,

10 wherein the wireless accessory detects one of the presence and absence of the at least one remote device by determining a distance between the primary device and the at least one remote device, wherein when the primary device determines the distance to be within a predetermined distance, the at least one remote device continues to receive audio/video signals.

15 10. The system of claim 9, wherein when the primary device determines the distance to be outside of the predetermined distance, the at least one remote device discontinues receiving signals.

20 11. The system of claim 9, wherein the primary device receives a proximity detection request from a headend facility, and, in response, the primary device transmits a signal indicating the presence or absence of the at least one remote device.

25 12. The system of claim 11, wherein when the headend facility receives the signal indicating the absence of the at least one remote device, the headend facility discontinues service to the at least one remote device.

30 13. The system of claim 12, wherein the headend facility discontinues service by at least one of no longer transmitting signals directly from the headend facility and sending a discontinue signal to the primary device directing the primary device to no longer communication with the at least one remote device.

35 14. The system of claim 9, wherein the primary device includes a set-up procedure that includes detecting and storing the distance between the primary device and the at least one remote device, wherein the detected distance becomes the predetermined distance.

15. The system of claim 9, wherein the primary device determines the distance by using a receive signal strength indication measurement.

16. The system of claim 9, wherein the primary device determines the distance by using ultrawideband (UWB) communications with the remote device.

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